

Amendments to the Specification:

Please replace the paragraph beginning at page 55, line 25 with the following amended paragraph:

The above result also confirmed that the primer set was working in a specific manner. Subsequently, the locus of the NR10 gene was determined using the GeneBridge 4 radiation hybrid panel 93 (Walter et al., Nature Genetics, 7:22-28, 1994). PCR analysis was performed using the GeneBridge 4 radiation hybrid panel 93 as a template and N10-intron and NR10-A1 primers under the same condition as above. The amount of amplified products from respective hybrids were quantitatively assessed as plus or minus, and the result was converted to binary code. Using the program in the server at ~~(<http://www.carbon.wi.mit.edu:8000/cgi-bin/contig/rhmapper.pl>)~~ the website of [arbon.wi.mit.edu:8000/cgi-bin/contig/rhmapper.pl](http://www.carbon.wi.mit.edu:8000/cgi-bin/contig/rhmapper.pl), the result was compared with similar codes of gene map marker genes used for constructing framework maps, and the location on the chromosome was determined. As a result, NR10 was mapped on chromosome 5 proximal to the centrosome, and was further confirmed that it exists between the markers WI-3071 (60-61 cM) and AFM183YB8 (67 cM).